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**CONSOLIDATED
TRANSLATION
SURVEY.**

Number 132.

Through 31 December 1968

12 176 p.

DDC
FEB 26 1969

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CONSOLIDATED TRANSLATION SURVEY

FOR DECEMBER 1968

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CONSOLIDATED TRANSLATION SURVEY

PREFACE

↙ This survey is prepared monthly from lists received through the cooperation of US government agencies and includes universities, research institutions, and commercial translation organizations. It is a compilation of projects completed or started during the preceding month.

Translations are listed by area and subject category. Scientific projects are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date of publication, and publication identifications of the completed project are given when available. Tables of contents of journals translated cover-to-cover are reproduced from the current publications.

Projects in process, i.e., not completed as of the date of this survey, are noted with an asterisk (*), and when available, a project-control or "in-process" number is noted in parentheses following the title. Certain details may be unavailable on such projects. New projects in process are not listed again until they are completed.

An index to authors of items in this issue is provided at the end of the survey.

Scientific and technical translations are grouped according to the COSATI subject category list except for military science and ordnance items which are listed under "military" in the appropriate geographic areas.



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(see CFSTI)

ACSI - (see DIA)

AEC - Atomic Energy Commission (see CFSTI)

AFCRL Res Lib

Air Force Cambridge Research Laboratories
Research Library
Office of Aerospace Research
United States Air Force
Laurence G. Hanscom Field
Bedford, Massachusetts
ATTN: CRMCLR

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington, D. C. 20005

AIP

American Institute of Physics
335 East 45th Street
New York, New York 10017

ANL - Argonne National Laboratory, Illinois
(see AEC)

APL/JHU

Applied Physics Laboratory
The Johns Hopkins University
8621 Georgia Avenue
Silver Spring, Maryland 20910

ATS

Associated Technical Services, Incorporated
P.O. Box 271
East Orange, New Jersey 07017

BISI

British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4 Grosvenor Gardens
London, S.W. 1, England

CB

Consultants Burea Enterprises, Incorporated
227 West 17th Street
New York, New York 10011

CFSTI

Clearinghouse for Federal Scientific and
Technical Information (Formerly Office of
Technical Services)
Port Royal and Braddock Roads
Springfield, Virginia 22151

CTT

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

DIA

Defense Intelligence Agency
Washington, D. C. 20301

FP

The Faraday Press, Incorporated
84 Fifth Avenue
New York, New York 10011

FSTC - Foreign Science & Technology Center

Defense Documentation Center
Cameron Station
Alexandria, Virginia 22314

FTD - Foreign Technology Division

Defense Documentation Center
Cameron Station
Alexandria, Virginia 22314

HB

Henry Brutcher Technical Translations
P.O. Box 157
Altadena, California 91001

IEEE

Institute of Electrical and Electronics Engineers
275 Madison Avenue
New York, New York 10016

JPRS

U.S. Department of Commerce
Clearinghouse for Federal Scientific
and Technical Information
Joint Publications Research Service
Building Tempo E
East Adams Drive, 4th & 6th Streets, SW
Washington, D. C. 20443

Maritime Admin

Maritime Administration
Office Services
GAO, 5th & G Streets, NW
Washington, D. C.

NASA

National Aeronautics and Space Administration
1512 H Street, NW
Washington, D. C. 20546

NIC

Naval Intelligence Command
Naval Intelligence Command Headquarters
NIC-15
Washington, D. C. 20350

NOO

U.S. Naval Oceanographic Office
Code 4400
Washington, D. C. 20390

ORNL - Oak Ridge National Laboratory (see AEC)

PG

Petroleum Geology
P.O. Box 171
McLean, Virginia 22101

Patent Office

Department of Commerce, Patent Office
Scientific Library
14th and Constitution Avenue, NW
Washington, D. C.

Primary Sources

Primary Sources
11 Bleecker Street
New York, New York 10012

RSIC - Defense Documentation Center, Redstone
Scientific Information Center
(see CFSTI)

USSR

Economic

Prefabricated Reinforced Concrete Industry Grows, by N. P. Dudorov, 10 pp.
RUSSIAN, per, Beton i Zhelazobeton, Moscow, No 9, 1968, pp 2-7.
JPRS 46836

Prestressed Reinforced Concrete Industry Analyzed, by S. A. Ivanov, 6 pp.
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JPRS 46836

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JPRS 46899

Clearing Operations Explained and Stressed, by Ye. Dedkov, 13 pp.
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JPRS 46899

Report on Routine Session of Methodological Council, 7 pp.
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JPRS 46899

Improved Credit for Plant and Branch, by G. Abramov, 10 pp.
RUSSIAN, per, Dengi i Kredit, Moscow, No 8, Aug 1968, pp 3-8.
JPRS 46,881

Economic Cooperation Between GDR and USSR, by Horst Bittner, 5pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, Moscow, No 40, Oct 1968, p 40.
JPRS 46899

Maintaining Proper Economic Relationships, by A. Shifrin, Yu. Khokhryakov, 5 pp.
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JPRS 46840

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JPRS 46840

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JPRS 46,923

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JPRS 46916

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RUSSIAN, np, Izvestiya, Moscow, 3 Oct 1968, p 4.
JPRS 46,870

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RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR, Novosibirsk, No 6, 1968, pp 30-38.
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JPRS 46840

The Large Scale Chemical Industry of Belorussia, by S. Markovich, 9 pp.
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Uzbekistan Textile Industry Development
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DIA LN 420-69

To Develop Forging-Stamping Industry Further,
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Proizvodstvo, Moscow, No 9, 1968, pp 1-3.
JPRS 46,869

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B. Fedoruk, T. Khar'ko, 14 pp.
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Snabzheniye, Moscow, Sept 1968, pp 29-37.
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Snabzheniye, Moscow, Sept 1968, pp 38-41.
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1968, p 1.
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Political

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by G. Zhabitskiy, 5 pp.
RUSSIAN, np, Izvestiya, Moscow, 10 Oct 1968,
p 2.
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by A. Vorobyev, 5 pp.
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Oct 1968, p 19
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5 Sept 1968, pp 2-3.
JPRS 46,809

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Sept 1968, pp 14-23.
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by F. Petrenko, 13 pp.
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Oct 1968, pp 12-20.
JPRS 46900

Fiftieth Finnish CP Anniversary Hailed, by
Ville Pessi, 5 pp.
RUSSIAN, np, Pravda, Moscow, 24 Aug 1958, p 5.
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Revolutionary Traditions Passed to Youth, by
R. Mikhaylov, 5 pp.
RUSSIAN, np, Pravda, Moscow, 3 Sept 1968, p 2.
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Improving Political Education in Komsomol,
by A. Kamshalov, 5 pp.
RUSSIAN, np, Pravda, Moscow, 26 Sept 1968,
p 2.
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Proposals to Raise Effectiveness of Party Meetings,
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Upbringing of Komsomol in Revolutionary Image,
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by V. Koshen'yako, L. Kraynov, 5 pp.
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JPRS 46900

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Increased Role for Present-Day Local Soviets, by N. T. Kozlov, 12 pp.
RUSSIAN, per, Sovetskoye Gosudarstvo i Pravo, Moscow, Sept 1968, pp 3-10.
JPRS 46,809

Party Guidance of Komsomol in Georgia Needed, by V. P. Mshavanedse, 14 pp.
RUSSIAN, np, Zarya Vostoka, Tbilisi, 9 Oct 1968, pp 1-2.
JPRS 46900

Military

V. I. Lenin, Founder of Soviet Military Science, by N. Asovtsev, V. Kozlov, 12 pp.
RUSSIAN, per, Kommunist Voorushennykh Sil, Moscow, Sept 1968, pp 13-19.
JPRS 46,795

Training of Fliers for Emergency Situations, by A. Mashkin, I. Ivanov, 10 pp.
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JPRS 46,795

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JPRS 46,795

USSR
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NATO Strategists Maneuver, by B. Mikhaylov, 10 pp.
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JPRS 46,795

Staff Officer Field Training Stressed, by M. Nikitin, 7 pp.
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JPRS 46,795

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Imperialism's Local Warfare, 1946-1968, by V. Matsulenko, 19 pp.
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Role of Komsomol in Armed Forces Stressed, by G. Shatunov, 7 pp.
RUSSIAN, per, Voennyye Znaniya, Moscow, No 9, 1968, pp 1-2.
JPRS 46,811

Preparation of Civilian Youth for Service, by I. Pavlovskiy, 6 pp.
RUSSIAN, per, Voennyye Znaniya, Moscow, No 9, 1968, pp 4-5.
JPRS 46,811

Civil Defense Training in Secondary Schools, by A. A. Sychev, 6 pp.
RUSSIAN, per, Voennyye Znaniya, Moscow, No 9, 1968, pp 12-13.
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A Plant Civil Defense Exercise Described, by A. Strigin, 7 pp.
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Military (Contd)

Secondary School Civil Defense Curriculum,
7 pp.
RUSSIAN, per, Voyennoye Znaniya, Moscow,
No 9, 1968, pp 26-27.
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Sociological

Young Workers Denied Opportunities in Plants,
by M. Garin, 5 pp.
RUSSIAN, np, Izvestiya, Moscow, 11 Oct 1968,
p 3.
JPRS 46,794

Round Table on Problems of East Kazakhstan,
by A. Yershov, V. Sventchanskiy, 9 pp.
RUSSIAN, np, Kazakhstanskaya Pravda, Alma-Ata,
29 Sept 1968, p 2; 4 Oct 1968, p 2.
JPRS 46,794

Prevention of Juvenile Crime is Public Concern,
by Sch. Kabybayev, 5 pp.
RUSSIAN, np, Kazakhstanskaya Pravda, Alma-Ata,
2 Oct 1968, p 2.
JPRS 46,814

Description of Life in the North of the USSR,
by V. Yanovskiy, 15 pp.
RUSSIAN, per, Novyy Mir, Moscow, Jun 1968,
pp 228-237.
JPRS 46,794

Education Minister Addresses Teachers Congress,
by M. A. Prokof'yev, 29 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, Moscow,
No 7, 1968, pp 12-26.
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System of Physico-Technical Institute
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by Ya. Yanov, 5 pp.
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USSR
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Theater Preserves Genuine Values of Dramatic
Art, by Georgiy Tovstonogov, 6 pp.
RUSSIAN, np, Pravda, Moscow, 11 Oct 1968, p 3.
JPRS 46,900

Progress in Advanced Soviet Scientific Education,
by V. Yelyutin, 6 pp.
RUSSIAN, np, Pravda, Moscow, 21 Oct 1968, p 3.
JPRS 46,909

Results of Entrance Tests for Technical
School, by S. I. Radautsan, 6 pp.
RUSSIAN, np, Sovetskaya Moldaviya, Kishinev,
19 Sept 1968, p 2.
JPRS 46,796

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Number 4

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The Russian press date (podpisano k pečati) of this issue was 4/11/1968.
Publication therefore did not occur prior to this date, but must be assumed
to have taken place reasonably soon thereafter.

Available From Consultants Bureau

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A translation of *Avtomatika i Telemekhanika*

Number 5

May, 1968

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The Russian press date (podpisano k pechatl) of this issue was 5/15/1968.
Publication therefore did not occur prior to this date, but must be assumed
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Available From Consultants Bureau

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A translation of the Physical Chemistry Section of *Doklady Akademii Nauk SSSR*

Volume 179, Numbers 4-6

April, 1968

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Available From Consultants Bureau

SOVIET ELECTROCHEMISTRY

A translation of *Élektrokhimiya*

Volume 4, Number 4

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Publication therefore did not occur prior to this date, but must be assumed
to have taken place reasonably soon thereafter.

Available From Consultants Bureau

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A translation of *Élektrokhimiya*

Volume 4, Number 5

May, 1968

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Publication therefore did not occur prior to this date, but must be assumed
to have taken place reasonably soon thereafter.

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A translation of *Élektrokhimiya*

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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	cosh ⁻¹
Arcth	coth ⁻¹ (ctnh ⁻¹)
Arsh	sinh ⁻¹
Arth	tanh ⁻¹
arccos	cos ⁻¹ (arc cos)
arctg	cot ⁻¹ (arc cot)
arcsin	sin ⁻¹ (arc sin)
arctg	tan ⁻¹ (arc tan)
ch	cosh
cosec	csc
ctg	cot (ctn)
cth	coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

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Soviet Physics SOLID STATE

A Translation of "Fizika Tverdogo Tela"

(Russian Original Vol. 10, No. 6, pp. 1599-1926, June, 1968)

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Publication therefore did not occur prior to this date, but must be assumed
to have taken place reasonably soon thereafter.

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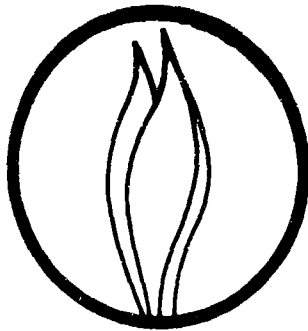
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Cybernetics

The Faraday Press
cover-to-cover translation of *Kibernetika*

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Single Issue: \$35

Annual Subscription: \$125

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84 FIFTH AVENUE, NEW YORK, N. Y. 10011

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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	\cosh^{-1}
Arcth	\coth^{-1} (ctnh ⁻¹)
Arsh	\sinh^{-1}
Arth	\tanh^{-1}
arccos	\cos^{-1} (arc cos)
arctg	\cot^{-1} (arc cot)
arcsin	\sin^{-1} (arc sin)
arctg	\tan^{-1} (arc tan)
ch	cosh
cosac	csc
ctg	cot (ctn)
cth	coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

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RUSSIAN ABBREVIATIONS IN TEXT

AN SSSR.....	ACADEMY OF SCIENCES, USSR.
CC CPSU.....	CENTRAL COMMITTEE, COMMUNIST PARTY, SOVIET UNION.
GINTSVETMET.....	STATE INSTITUTE OF NON-FERROUS METALS.
GIREDMET.....	STATE RARE METALS SCIENTIFIC RESEARCH INSTITUTE.
GOSBANK.....	STATE BANK OF THE USSR.
GOSPLAN.....	STATE PLANNING COMMITTEE OF THE COUNCIL OF MINISTERS OF THE USSR.
GOST.....	ALL-UNION STANDARD.
IL.....	FOREIGN LITERATURE PUBLISHING HOUSE.
KAZ SSR.....	KAZAKH SSR.
LPI.....	LENINGRAD POLYTECHNIC INSTITUTE (IM. KALININ).
MEKHANOMR.....	SCIENTIFIC RESEARCH INSTITUTE FOR THE MECHANICAL CONCENTRATION OF MINERALS.
N-O-T.....	SCIENTIFIC ORGANIZATION OF LABOR.
TeIntenM.....	CENTRAL OFFICE FOR INFORMATION ON NON-FERROUS METALS.
VtaspS.....	ALL-UNION CENTRAL COUNCIL OF TRADE UNIONS.
VUZ.....	INSTITUTE OF HIGHER EDUCATION.

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Chepynoha, O.P.
Demchenko, V.M.
Didenko, H.H.
Herasimova, V.V.
Hol'dshtein, B.I.
Holoborod'ko, O.P.
Honcharova, K.O.
Hromashevs'ka, L.K.
Hulyi, M.F.
Khylobok, I.Yu.
Kucherenko, M.E.
Leus, M.F.
Matsuka, H.Kh.
Montsevichute-Eringene, E.V.
Musyalkovs'ka, A.O.
Myronova, O.M.
Nechyporenko, Z.Yu.
Orlov's'ka, N.N.
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Skvyrs'ka, E.G.
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Transliteration from Russian

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Demchenko, V.N.
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Goncharova, E.E.
Gromashevskaya, L.L.
Gulyi, M.F.
Khilobok, I.Yu.
Kucherenko, N.E.
Leus, N.F.
Matsuka, G.Kh.
Montsevyhute-Eringene, E.V.
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Mironova, E.M.
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**Explanatory List of Russian Abbreviations
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Abbreviation	Full name (transliterated)	Translation
FMM	Fizika Metallov i Metallovedenie	Physics of Metals and Metal Science
FTT	Fizika Tverdogo Tela	Solid State Physics
UFN	Uspekhi Fizicheskikh Nauk	Advances in Physical Science
UFZh	Ukrainskii Fizicheskii Zhurnal	Ukrainian Physics Journal
ZhETF	Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki	Journal of Experimental and Theoretical Physics
ZhFKh	Zhurnal Fizicheskoi Khimii	Journal of Physical Chemistry
ZhTF	Zhurnal Tekhnicheskoi Fiziki	Journal of Technical Physics

Available From CFSTI TT 67-51421/3
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A translation of *Zhurnal Analiticheskoi Khimii*

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Publication therefore did not occur prior to this date, but must be assumed
to have taken place reasonably soon thereafter.

Available From Consultants Bureau.

JOURNAL OF ANALYTICAL CHEMISTRY of the USSR

A translation of *Zhurnal Analiticheskoi Khimii*

Volume 23, Number 4

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Publication therefore did not occur prior to this date, but must be assumed to have taken place reasonably soon thereafter.

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A translation of *Zhurnal Obshchei Khimii*

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Publication therefore did not occur prior to this date. It may be assumed
to have taken place reasonably soon thereafter.

Available From Consultants Bureau

JOURNAL OF APPLIED CHEMISTRY of the USSR

A translation of *Zhurnal Prikladnoi Khimii*

Volume 41, Number 3

March, 1968

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The Russian press date (podpisano k pechatl) of this issue was 3/4/1968.
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to have taken place reasonably soon thereafter.

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Soviet Physics TECHNICAL PHYSICS

A Translation of "Zhurnal Tekhnicheskoi Fiziki"

(Russian Original Vol. 38, No. 6, pp. 948-1108, June, 1968)

Vol. 13, No. 6, pp. 715-844

December, 1968

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Central Intelligence Agency



Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen
Deputy Director for Operations
Defense Technical Information Center
7725 John J. Kingman Road
Suite 0944
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sergio N. Alcivar".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

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Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed
by CIA and declassification guidance has been provided.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0831939	78-03109A	59	1	2	123	Consolidated Translation Survey Through 31 March 1968	3/31/1968	252	Approved For Release	3/25/2004
AD0833917	78-03109A	59	1	3	124	Consolidated Translation Survey Through 30 April 1968	4/30/1968	223	Approved For Release	3/25/2004
AD0835906	78-03109A	59	1	4	125	Consolidated Translation Survey Through 31 May 1968	5/31/1968	267	Approved For Release	3/25/2004
AD0838252	78-03109A	59	1	5	126	Consolidated Translation Survey Through 30 June 1968	6/30/1968	341	Approved For Release	3/25/2004
AD0839299	78-03109A	59	1	6	127	Consolidated Translation Survey Through 31 July 1968	7/31/1968	354	Approved For Release	3/25/2004
AD0841414	78-03109A	59	1	7	128	Consolidated Translation Survey Through 31 August 1968	8/31/1968	255	Approved For Release	3/25/2004
AD0844244	78-03109A	59	1	8	129	Consolidated Translation Survey Through 30 September 1968	9/30/1968	259	Approved For Release	3/25/2004
AD0845247	78-03109A	60	1	1	130	Consolidated Translation Survey Through 31 October 1968	10/31/1968	252	Approved For Release	3/25/2004
AD0847806	78-03109A	60	1	2	131	Consolidated Translation Survey Through 30 November 1968	11/30/1968	284	Approved For Release	3/25/2004
AD0848152	78-03109A	60	1	3	132	Consolidated Translation Survey Through 31 December 1968	12/31/1968	176	Approved For Release	3/25/2004
AD0848841	78-03109A	60	1	4	133	Consolidated Translation Survey Through 31 January 1969	1/31/1969	188	Approved For Release	3/25/2004
AD0850186	78-03109A	60	1	5	134	Consolidated Translation Survey Through 28 February 1969	2/28/1969	167	Approved For Release	3/25/2004
AD0851748	78-03109A	60	1	6	135	Consolidated Translation Survey Through 31 March 1969	3/1/1969	232	Approved For Release	4/5/2004
AD0853348	78-03109A	60	1	7	136	Consolidated Translation Survey Through 30 April 1969	4/30/1969	262	Approved For Release	3/25/2004
AD0856606	78-03109A	60	1	8	137	Consolidated Translation Survey Through 31 May 1969	5/31/1969	306	Approved For Release	3/25/2004
AD0857706	78-03109A	63	1	1	138	Consolidated Translation Survey Through 30 June 1969	8/22/1969	413	Approved For Release	3/25/2004
AD0858054	78-03109A	63	1	2	139	Consolidated Translation Survey Through 31 July 1969	9/3/1969	185	Approved For Release	3/25/2004
AD0860022	78-03109A	63	1	3	140	Consolidated Translation Survey Through 31 August 1969	10/3/1969	315	Approved For Release	3/25/2004
AD0860905	78-03109A	63	1	4	141	Consolidated Translation Survey Through 30 September 1969	9/30/1969	285	Approved For Release	3/25/2004
AD0861886	78-03109A	63	1	5	142	Consolidated Translation Survey Through 31 October 1969	10/31/1969	269	Approved For Release	3/25/2004
AD0863371	78-03109A	63	1	6	143	Consolidated Translation Survey Through 30 November 1969	11/30/1969	224	Approved For Release	3/25/2004
AD0864516	78-03109A	63	1	7	144	Consolidated Translation Survey Through 31 December 1969	12/31/1969	177	Approved For Release	3/25/2004